1   1.   A device comprising:
2   an optics element to facilitate viewing;
3   an image sensor to capture frames;
4   a storage to store a sequence of frames of
5   predetermined duration, said storage coupled to said
6   sensor;
7   a display coupled to said storage to display the
8   sequence of frames; and
9   a controller to automatically store successive
10   sequences of frames of predetermined duration including an
11   earlier and later sequence, said controller to store a
12   later sequence of frames in said storage, automatically
13   overwriting an earlier sequence of frames.

1   2.   The device of claim 1 wherein said controller
2   stores a first sequence of frames and, at the end of the
3   first sequence, loops back to the beginning of the first
4   sequence and overwrites the first sequence of frames with a
5   second sequence of frames.

1   3.   The device of claim 1 wherein said storage has
2   the capacity to store an integral number of sequences of
3   frames of predetermined duration.

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1   4.   The device of claim 3 wherein said storage has a
2   capacity to store substantially only one sequence of frames
3   of predetermined duration.

1   5.   The device of claim 1 wherein said device is a
2   camera.

1   6.   The device of claim 1 wherein said device is a
2   telescope.

1   7.   The device of claim 1 wherein said device is a
2   microscope.

1   8.   The device of claim 1 wherein said device is
2   binoculars.

1   9.   The device of claim 1 wherein said optics element
2   includes a beam splitter, said beam splitter arranged to
3   reflect light from said display and said image sensor.

1   10.   The device of claim 9 including a shutter to
2   control viewing access to said optics element.

1   11.   The device of claim 1 wherein said device
2   selectively enables the user to view said display or a
3   scene through said optics element.

1   12. The device of claim 1 wherein said optics element
2   is in light communication with said image sensor and the
3   only way to view a scene through said optics element is by
4   way of said display.

1   13. The device of claim 1 wherein said controller
2   enables the user to select when to display a sequence of
3   frames of predetermined duration.

1   14. A method comprising:
2   recording a sequence of frames of predetermined
3   duration;
4   overwriting said recorded sequence of frames with
5   an ensuing sequence of frames of substantially the same
6   duration; and
7   in response to user selection, enabling the user
8   to view a recorded sequence of frames.

1   15. The method of claim 14 including storing a first
2   sequence of frames of predetermined duration and, at the
3   end of said first sequence, looping back to the beginning
4   of the first sequence and overwriting said first sequence
5   with a second sequence of frames.

1   16. The method of claim 14 including storing a
2   integral number of sequences of frames of predetermined
3   duration.

1   17. The method of claim 14 including enabling the
2   user to selectively view a scene or a recorded sequence of
3   frames of predetermined duration.

1   18. The method of claim 14 including displaying a
2   real time image on a display and selectively enabling the
3   user to replace the real time display with the display of a
4   stored sequence of frames.

1   19. An article comprising a medium storing
2   instructions that enable a processor-based system to:
3   record a sequence of frames of predetermined
4   duration;
5   overwrite said recorded sequence of frames with
6   an ensuing sequence of frames of substantially the same
7   duration; and
8   in response to user selection, enable the user to
9   view a recorded sequence of frames.

1   20. The article of claim 19 further storing
2   instructions that enable the processor-based system to
3   store a first sequence of frames of predetermined duration

4 and, at the end of said first sequence, loop back to the
5 beginning of the first sequence and overwrite said first
6 sequence with a second sequence of frames.

1   21.   The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 store an integral number of sequences of frames of
4 predetermined duration.

1   22.   The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 enable the user to selectively view a scene or a recorded
4 sequence of frames of predetermined duration.

1   23.   The article of claim 19 further storing
2 instructions that enable the processor-based system to
3 display a real time image on a display or selectively
4 enable the user to replace the real time display with the
5 display of a stored sequence of frames.